

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111225\
 Data File : BP026117.D
 Acq On : 12 Nov 2025 17:58
 Operator : RC/JU
 Sample : Q3597-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-1

Quant Time: Nov 13 01:11:23 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP102925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 30 11:51:34 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.672	152	302295	20.000	ng	-0.02
21) Naphthalene-d8	10.443	136	1158763	20.000	ng	-0.01
39) Acenaphthene-d10	14.313	164	713047	20.000	ng	0.00
64) Phenanthrene-d10	17.125	188	1488134	20.000	ng	0.00
76) Chrysene-d12	21.577	240	1657488	20.000	ng	0.01
86) Perylene-d12	24.907	264	1875568	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.290	112	1575009	85.973	ng	0.00
7) Phenol-d6	6.849	99	1937848	83.107	ng	0.00
23) Nitrobenzene-d5	8.813	82	1121015	60.309	ng	-0.01
42) 2,4,6-Tribromophenol	15.831	330	788619	102.302	ng	0.00
45) 2-Fluorobiphenyl	12.919	172	2781569	56.054	ng	-0.01
79) Terphenyl-d14	19.872	244	4555074	55.834	ng	0.00

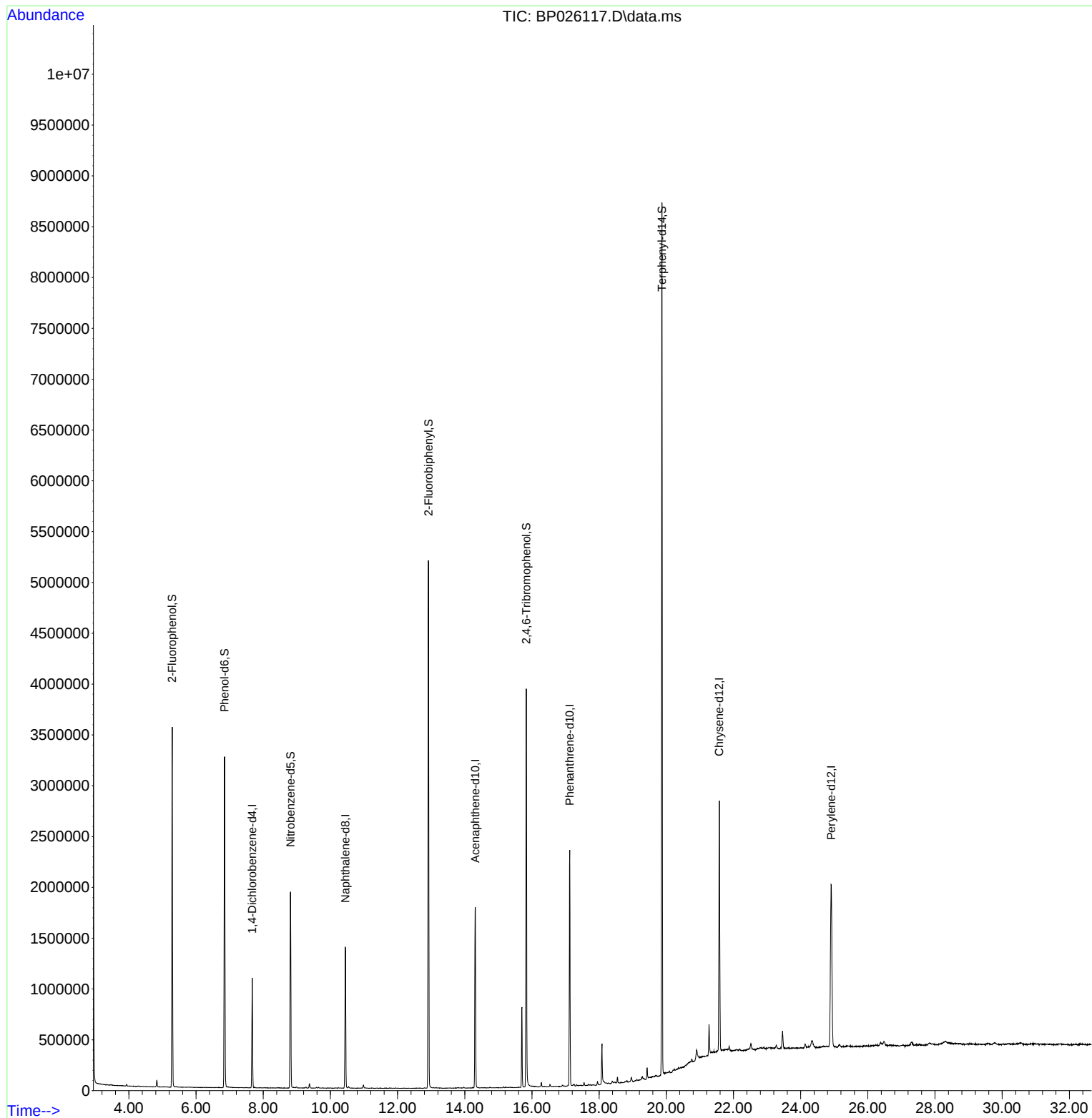
Target Compounds	Qvalue

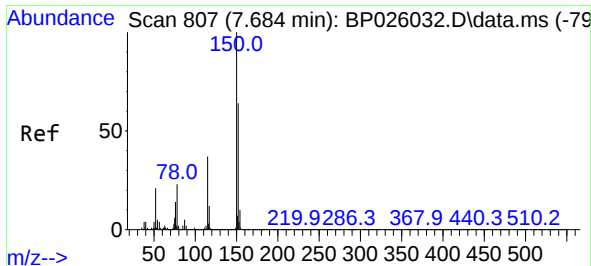
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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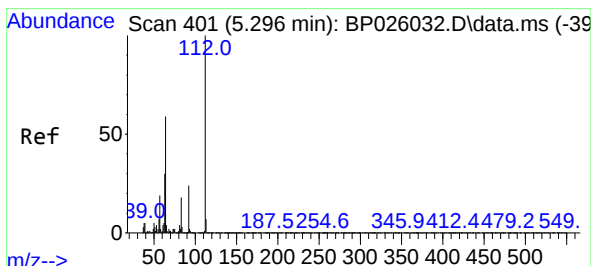
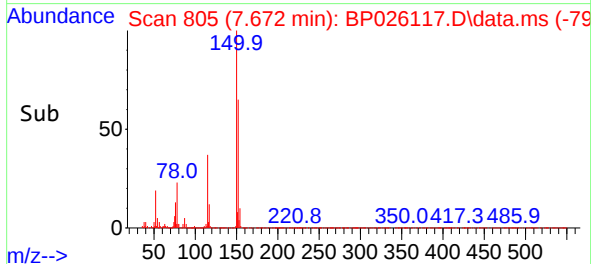
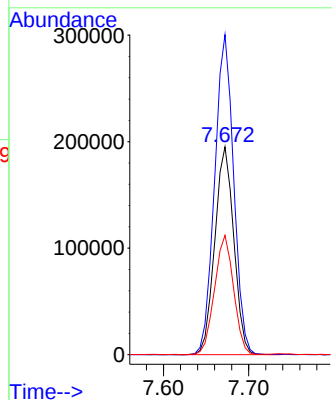
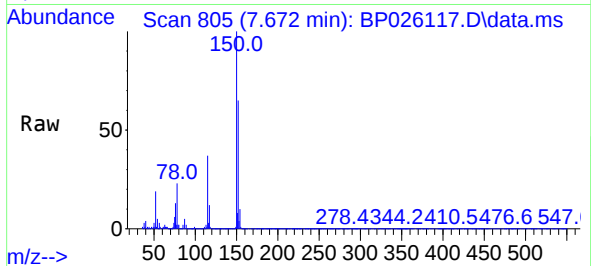




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.672 min Scan# 80
Delta R.T. -0.018 min
Lab File: BP026117.D
Acq: 12 Nov 2025 17:58

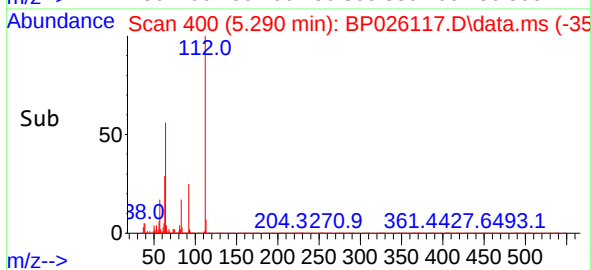
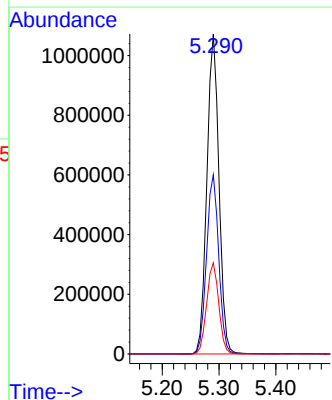
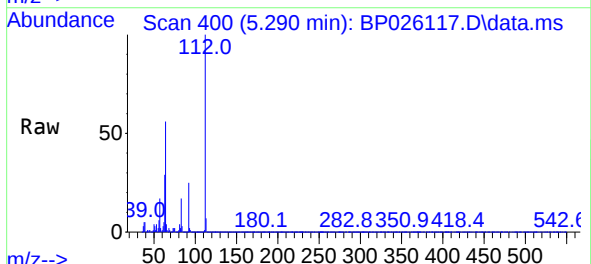
Instrument :
BNA_P
ClientSampleId :
TP-1

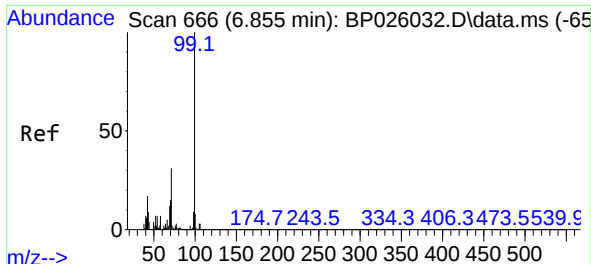
Tgt Ion:152 Resp: 302295
Ion Ratio Lower Upper
152 100
150 154.0 125.7 188.5
115 57.4 46.4 69.6



#5
2-Fluorophenol
Concen: 85.973 ng
RT: 5.290 min Scan# 400
Delta R.T. -0.006 min
Lab File: BP026117.D
Acq: 12 Nov 2025 17:58

Tgt Ion:112 Resp: 1575009
Ion Ratio Lower Upper
112 100
64 56.0 47.4 71.2
63 28.5 24.2 36.4

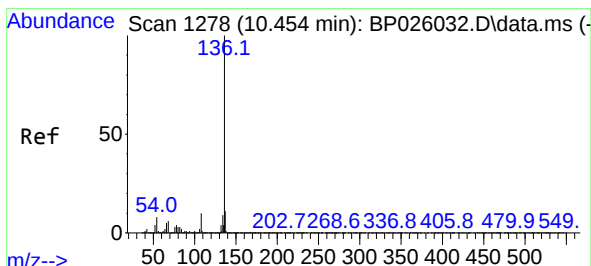
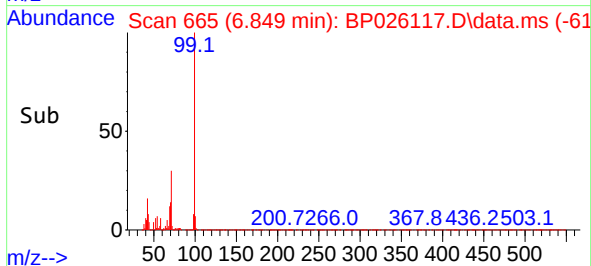
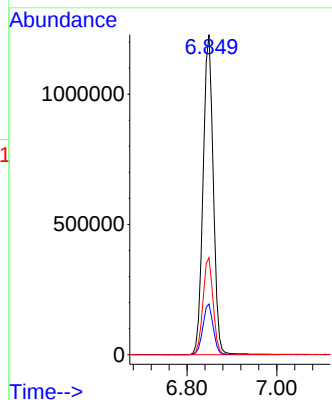
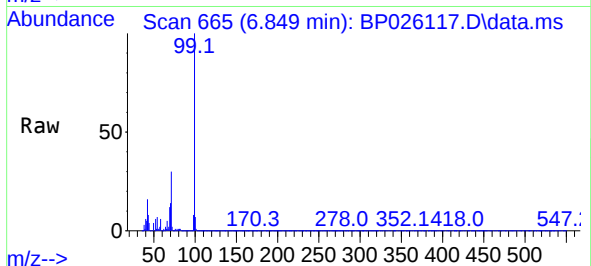




#7
Phenol-d6
Concen: 83.107 ng
RT: 6.849 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP026117.D
Acq: 12 Nov 2025 17:58

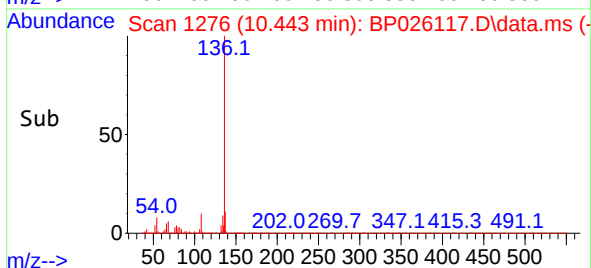
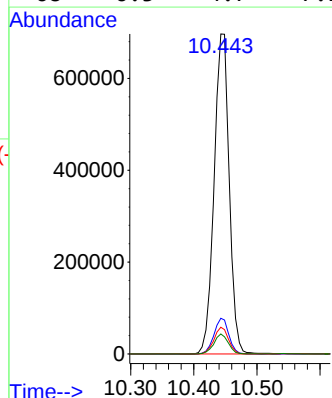
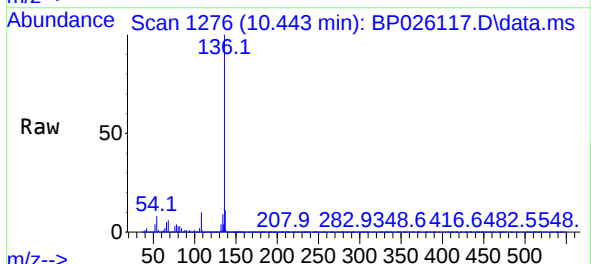
Instrument :
BNA_P
ClientSampleId :
TP-1

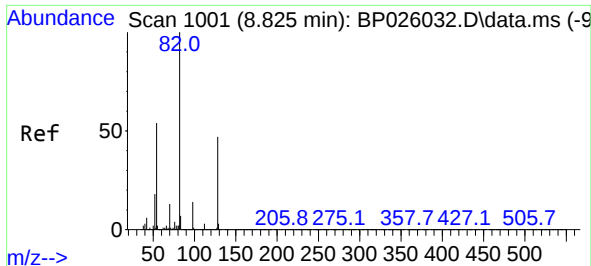
Tgt Ion: 99 Resp: 1937848
Ion Ratio Lower Upper
99 100
42 15.9 13.7 20.5
71 30.3 24.4 36.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.443 min Scan# 1276
Delta R.T. -0.011 min
Lab File: BP026117.D
Acq: 12 Nov 2025 17:58

Tgt Ion:136 Resp: 1158763
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 8.4 6.6 10.0
68 6.3 4.7 7.1

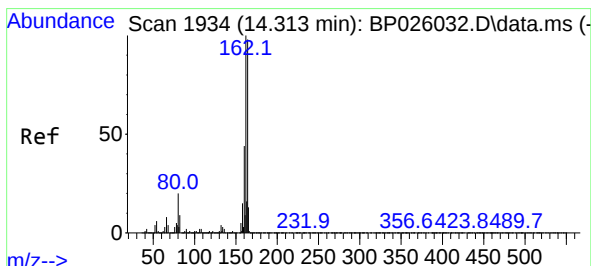
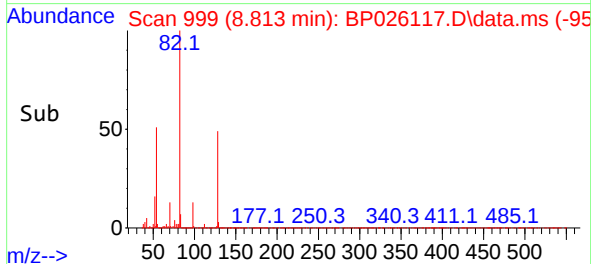
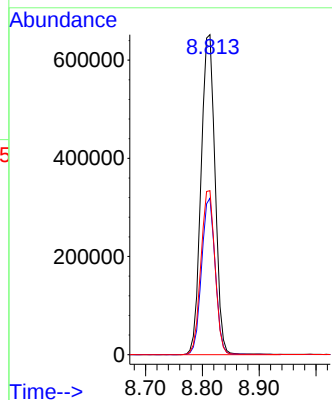
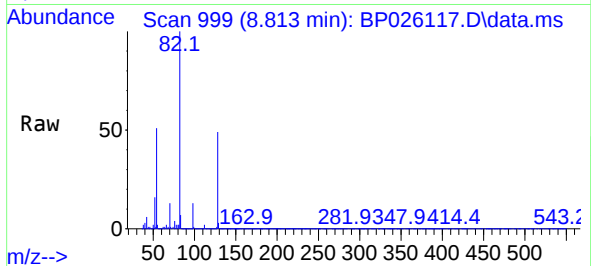




#23
Nitrobenzene-d5
Concen: 60.309 ng
RT: 8.813 min Scan# 999
Delta R.T. -0.012 min
Lab File: BP026117.D
Acq: 12 Nov 2025 17:58

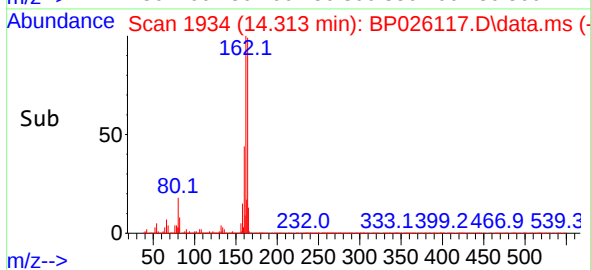
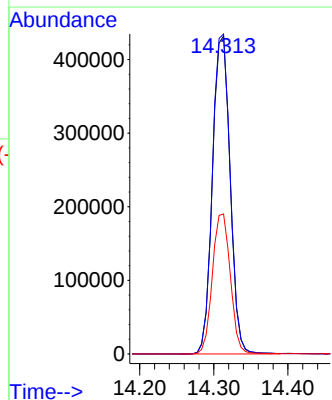
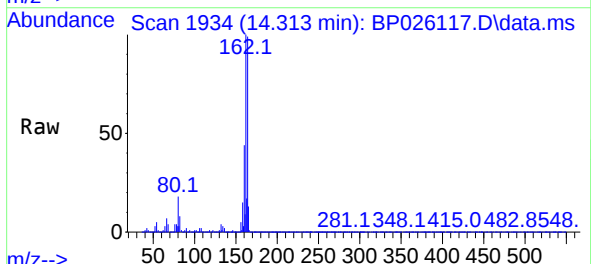
Instrument :
BNA_P
ClientSampleId :
TP-1

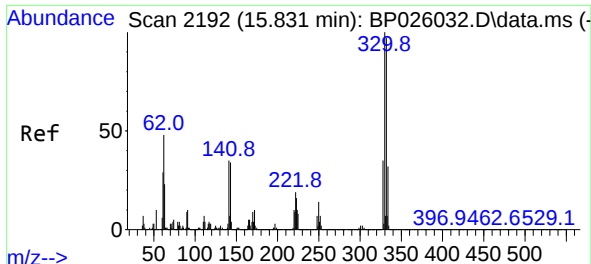
Tgt Ion: 82 Resp: 1121015
Ion Ratio Lower Upper
82 100
128 48.9 37.4 56.0
54 51.3 42.7 64.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.313 min Scan# 1934
Delta R.T. -0.006 min
Lab File: BP026117.D
Acq: 12 Nov 2025 17:58

Tgt Ion: 164 Resp: 713047
Ion Ratio Lower Upper
164 100
162 100.6 81.5 122.3
160 44.0 36.2 54.4



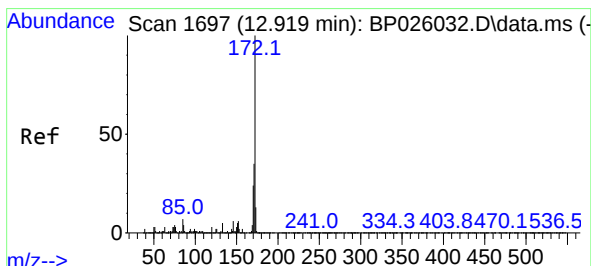
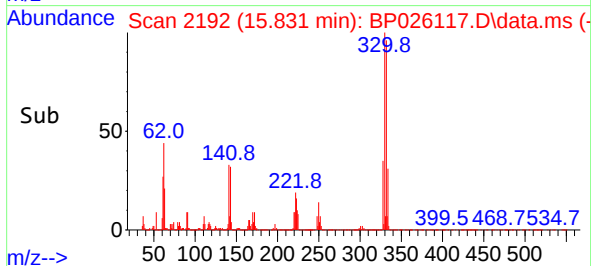
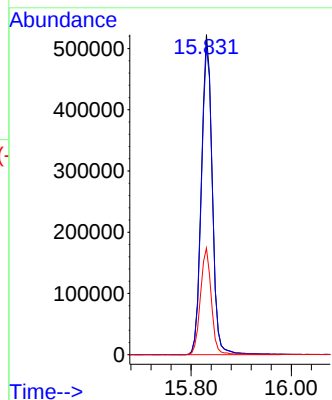
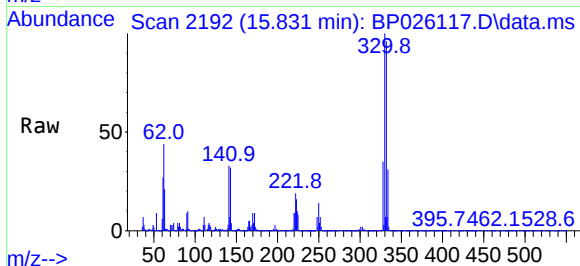


#42
2,4,6-Tribromophenol
Concen: 102.302 ng
RT: 15.831 min Scan# 2192
Delta R.T. 0.000 min
Lab File: BP026117.D
Acq: 12 Nov 2025 17:58

Instrument :
BNA_P
ClientSampleId :
TP-1

Tgt Ion:330 Resp: 788619

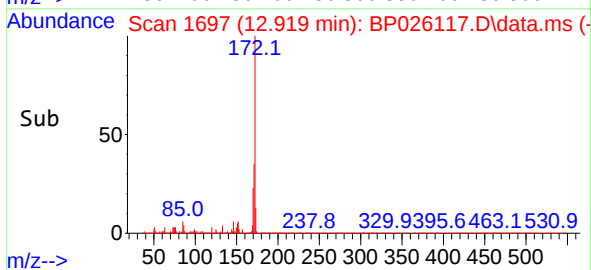
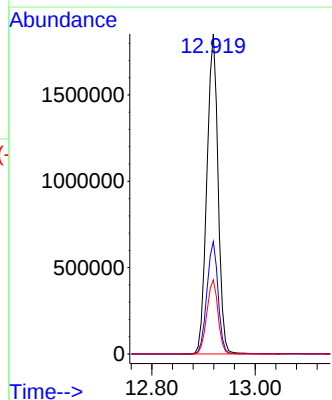
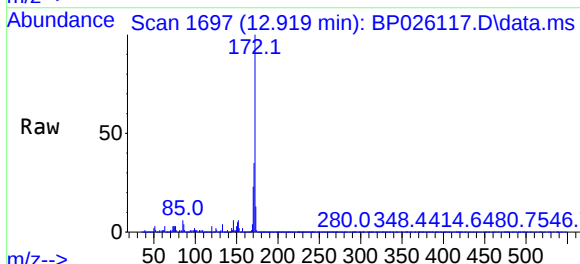
Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.3	115.9
141	33.1	28.6	42.8

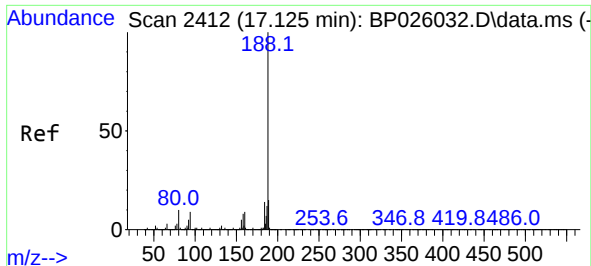


#45
2-Fluorobiphenyl
Concen: 56.054 ng
RT: 12.919 min Scan# 1697
Delta R.T. -0.012 min
Lab File: BP026117.D
Acq: 12 Nov 2025 17:58

Tgt Ion:172 Resp: 2781569

Ion	Ratio	Lower	Upper
172	100		
171	35.1	27.9	41.9
170	23.2	19.0	28.4

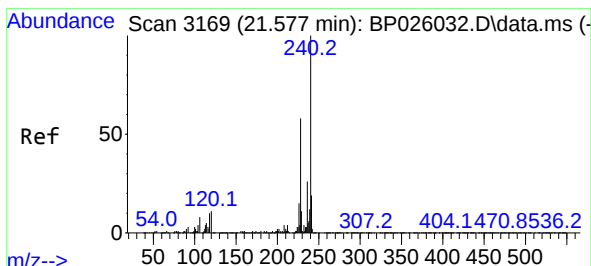
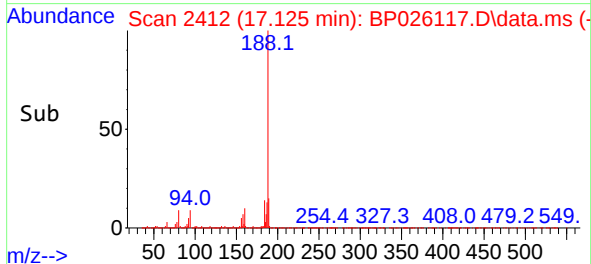
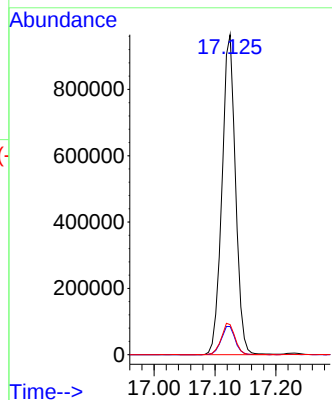
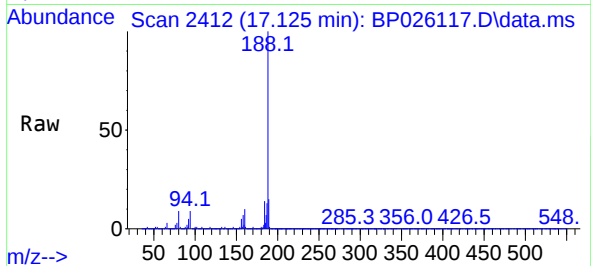




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.125 min Scan# 2412
Delta R.T. 0.000 min
Lab File: BP026117.D
Acq: 12 Nov 2025 17:58

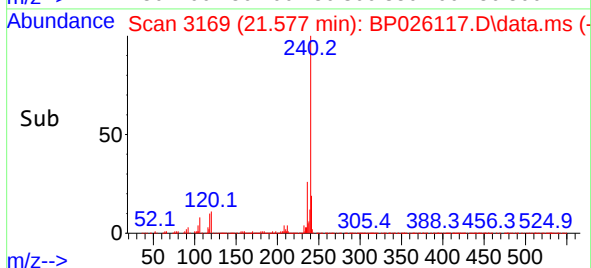
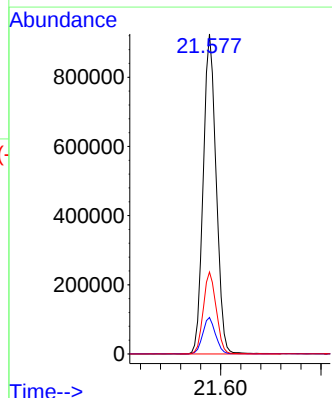
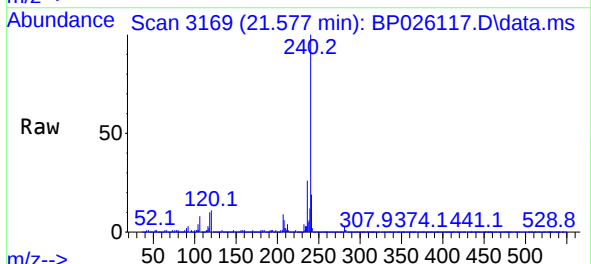
Instrument :
BNA_P
ClientSampleId :
TP-1

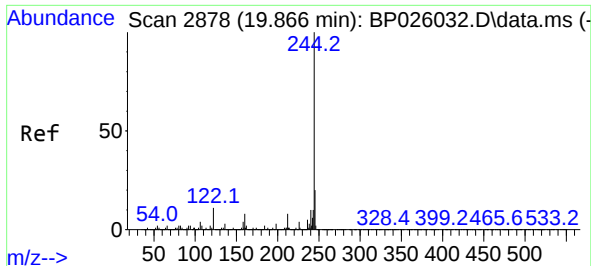
Tgt Ion:188 Resp: 1488134
Ion Ratio Lower Upper
188 100
94 8.8 7.1 10.7
80 9.4 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.577 min Scan# 3169
Delta R.T. 0.012 min
Lab File: BP026117.D
Acq: 12 Nov 2025 17:58

Tgt Ion:240 Resp: 1657488
Ion Ratio Lower Upper
240 100
120 11.4 8.9 13.3
236 25.6 20.6 31.0

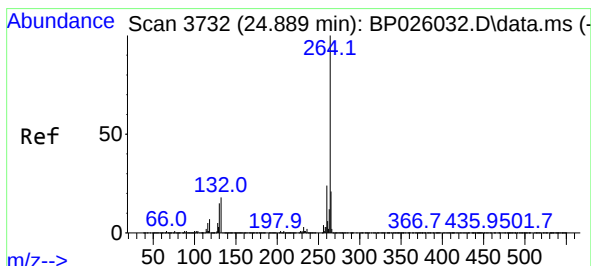
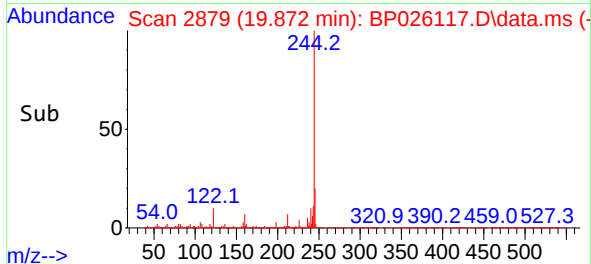
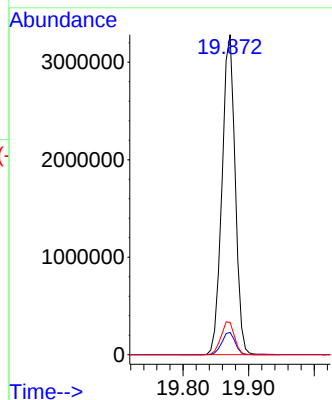
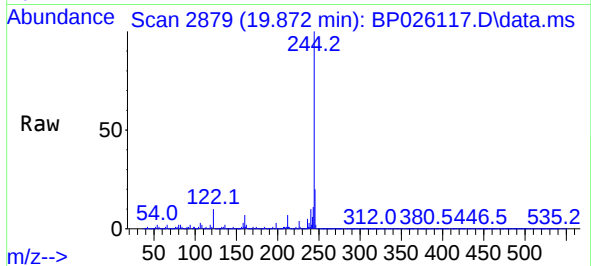




#79
 Terphenyl-d14
 Concen: 55.834 ng
 RT: 19.872 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BP026117.D
 Acq: 12 Nov 2025 17:58

Instrument :
 BNA_P
 ClientSampleId :
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Tgt Ion:244 Resp: 4555074
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 10.1 9.0 13.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.907 min Scan# 3735
 Delta R.T. 0.024 min
 Lab File: BP026117.D
 Acq: 12 Nov 2025 17:58

Tgt Ion:264 Resp: 1875568
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.1 28.7
 265 21.9 17.2 25.8

